GENEVIEVE WALSH, University of Texas at Austin, Dept. of Math., Austin, Texas 78712 *Which knots are great?*

A great circle link is a link of geodesic circles in S^3 . We say that a knot is *great* if its complement is commensurable with the complement of a great circle link. All great circle link complements are fibered. Therefore, if a knot is great, its complement is virtually fibered. Provably great knots include: two-bridge knots, spherical Montesinos knots, and torus knots. We will discuss these knots and speculate on the greatness of other knots.